

# MATHEMATICS

## MATHEMATICS – AS DEGREE PLAN

**PROGRAM INFORMATION:** The transfer curriculum shown below is designed for students who plan to pursue a degree in mathematics at a senior college or university after completing their studies at Navarro College. The Associate in Science Degree with a specialization in mathematics will be awarded to students who fulfill the general requirements for the degree and complete MATH 2413, MATH 2414, and two of the following courses: MATH 1316, MATH 2320, MATH 2315, MATH 2318, MATH 1342, or MATH 2412.

### FRESHMAN YEAR - FALL

COURSE SECTION	COURSE TITLE	CREDIT HOURS
ENGL 1301	Composition I	3
HIST 1301	United States History I	3
MATH 2412 OR X3XX OR X4XX	Pre-Calculus Math OR Approved Math OR Approved Math	3, 4
COSC 1301	Introduction to Computing	3
SPCH 1315	Public Speaking	3
Fall Total Credit Hours		15, 16

### FRESHMAN YEAR - SPRING

COURSE SECTION	COURSE TITLE	CREDIT HOURS
ENGL 1302	Composition II	3
HIST 1302	United States History II	3
MATH 2413	Calculus I	4
PHIL 1301	Introduction to Philosophy	3
XXXX	Approved Elective	3
Spring Total Credit Hours		16

### SOPHOMORE YEAR - FALL

COURSE SECTION	COURSE TITLE	CREDIT HOURS
GOVT 2305	Federal Government	3
PHYS 2425 OR BIOL 1406 OR CHEM 1411	University Physics I OR Biology for Science Majors OR General Chemistry I	4
SOCI 1301 OR PSYC 2301	Introduction to Sociology OR General Psychology	3
MATH 2414	Calculus II	4
XXXX	Approved Elective	2
Fall Total Credit Hours		16

### SOPHOMORE YEAR - SPRING

COURSE SECTION	COURSE TITLE	CREDIT HOURS
GOVT 2306	Texas Government	3

COURSE SECTION	COURSE TITLE	CREDIT HOURS
BIOL 1407 OR CHEM 1412 OR PHYS 2426	Biology for Science Majors II OR General Chemistry II OR University Physics II	4
ARTS 1301 OR MUSI 1306	Art Appreciation OR Music Appreciation	3
X3XX OR X4XX	Approved Math OR Approved Math	3, 4
Spring Total Credit Hours		13, 14
Program Total Credit Hours		60

MATH 2413 and MATH 2414 are required. Additional two math classes may be any of the following: MATH 1316, MATH 1342, MATH 2318, MATH 2320, MATH 2412, or MATH 2315/2415. Some universities require the PHYS 2425 / PHYS 2426 sequence in addition to a sequence in BIOL or CHEM.

*This is a sample degree plan; students should consult catalog of senior institution they plan to attend since some requirements vary. Counselors are available to assist in this matter.*